

WHAT IS CLAIMED IS:

1. A cuff apparatus for measuring blood pressures, in which an airbag is provided in a chassis, in the form of a hollow cylinder, compressed air is introduced into the airbag to suppress a flow of blood in a body part, characterized in that cushions are provided in the airbag so that the airbag remains in an inflated state before the compression air is introduced into the airbag.
2. A cuff apparatus according to claim 1, wherein each of the cushions has an uneven side on a surface that opposes an inner circumferential surface of the airbag.
3. A cuff apparatus according to claim 1, wherein the cushions are fixed in the airbag and spaced apart from one another.
4. A cuff apparatus according to claim 3, wherein a microphone is attached to a part of the inner circumferential surface of the airbag, at which the cushion is provided.
5. A cuff apparatus according to claim 2, wherein one of the cushions is fixed at almost a middle part of the airbag as developed, in a lengthwise direction of the airbag, two of the cushions are fixed and arranged symmetrically with respect to said one cushion in the lengthwise direction of the airbag, and microphones are provided in those parts of the airbag which oppose the

two cushions arranged symmetrically.

6. A cuff apparatus according to claim 1, wherein an elastic band-shaped member is secured to an outer circumferential surface of the airbag.

5 7. A cuff apparatus according to claim 6, wherein the band-shaped member is secured in the airbag so as to lie near an inlet port of the chassis while the airbag remains in the chassis and in the form of a hollow cylinder.

10 8. A cuff apparatus according to claim 1, wherein the ends of the airbag as developed, which are spaced apart in the lengthwise direction of the airbag, overlap each other while the airbag remains in the chassis and in the form of a hollow cylinder.

15 9. A cuff apparatus according to claim 8, wherein an auxiliary cushion is provided within at least one of the ends of the airbag which overlap each other.

 10. A cuff apparatus according to claim 9, wherein the auxiliary cushion has a thickness gradually
20 changing in a direction perpendicular to a lengthwise of the airbag.

 11. A cuff apparatus for measuring blood pressures, in which a plurality of fasteners are provided on an outer circumferential surface of an
25 airbag, each having a flange shaped like a mushroom cap, and a chassis has engagement holes in which the flanges of the fasteners are fitted, thereby fastening

the airbag to the chassis.

12. A cuff apparatus according to claim 11,
wherein each of the engagement holes is shaped like
a gourd, and is formed by a large hole and a small hole
5 connected to each other, and each of the flanges shaped
like a mushroom cap is moved from the large hole to the
small hole to be set in the engagement hole.

13. A cuff apparatus according to claim 11,
wherein each of the fasteners has a conduit therein for
10 supplying and discharging compressed air into and from
the airbag.

14. A cuff apparatus according to claim 11,
wherein each of the fasteners has a conduit therein for
detecting the pressure of compressed air in the airbag.

15 15. A cuff apparatus according to claim 13,
wherein cushions are provided in the airbag and
maintain the airbag in an inflated state before
compressed air is introduced into the airbag, and
a filter is provided in the conduit for preventing
20 chips of the cushions from entering the conduit.

16. A cuff apparatus according to claim 1, wherein
the inner circumferential surface of the hollow
cylindrical airbag inserted in the chassis is covered
with a cloth cover made of flexible fibers.

25 17. A cuff apparatus according to claim 16,
wherein the cloth cover is formed in the shape of
a hollow cylinder and has an elastic ring at each end,

and elastic rings are fitted in recesses formed made in the housing of a sphygmomanometer, whereby the cloth cover is removably secured to the housing.